

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME STABOND CORPORATION		EMERGENCY TELEPHONE NO. (213) 770-0591
ADDRESS (Number, Street, City, State, and ZIP Code) 14010 S. WESTERN AVE. GARDENA, CALIF. 90249		
CHEMICAL NAME AND SYNONYMS NITRILE ELASTOMER ADHESIVE		TRADE NAME AND SYNONYMS STABOND C-148
CHEMICAL FAMILY NA	FORMULA NA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS (ACETONE)	67	1000	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) XXX	133	SPECIFIC GRAVITY (H ₂ O=1)	.86
VAPOR PRESSURE (mm Hg.)	185	PERCENT VOLATILE BY VOLUME (%)	.73
VAPOR DENSITY (AIR=1)	2.0	EVAPORATION RATE (_____=1)	7.7
SOLUBILITY IN WATER	SOLVENT-INFINITE		
APPEARANCE AND ODOR	LIGHT BROWN LIQUID WITH ACETONE/PHENOLIC RESIN ODOR		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	<0°F. (C.).C.)	FLAMMABLE LIMITS	Lel 2.9	Uel 13
EXTINGUISHING MEDIA CO₂, FOAM OR DRY CHEMICAL				
SPECIAL FIRE FIGHTING PROCEDURES TREAT AS A FLAMMABLE LIQUID IN WET STATE				
UNUSUAL FIRE AND EXPLOSION HAZARDS				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
1000 PPM (VAPOR)

EFFECTS OF OVEREXPOSURE
LOCAL IRRITATION AND NARCOSIS

EMERGENCY AND FIRST AID PROCEDURES
REMOVE FROM EXPOSURE AREA-LOOSEN ANY TIGHT CLOTHING

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS SOLID CONSTITUENTS MAY PRODUCE TOXIC GASES WHEN BURNED			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
HANDLE AS A FLAMMABLE LIQUID

WASTE DISPOSAL METHOD

SOAK UP WET MATERIAL ON AN ABSORBENT MATERIAL AND PLACE IN A
CLOSED METAL CONTAINER

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) RESPIRATOR WITH ACTIVATED CHARCOAL FILTER FOR EXTENDED VAPOR EXPOSURE		
VENTILATION	LOCAL EXHAUST OK ON SMALL AREA APPLICATIONS	SPECIAL
	MECHANICAL (General) USE ON LARGE AREA APPLICATION	OTHER
PROTECTIVE GLOVES RECOMMENDED		EYE PROTECTION RECOMMENDED
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DO NOT STORE NEAR OXIDIZING MATERIALS OR HEATING EQUIPMENT

OTHER PRECAUTIONS

STABOND

Jordan
DPM 804

November 24, 1976

Douglas Aircraft Co.
3855 Lakewood Blvd.
Long Beach, Calif. 90846

Attn: M.J. Veneroso
Materials Handling & Packaging Engineering

Gentlemen:

Thank you for your inquiry of November 15, 1976 regarding
our Stabond C-148 adhesive.

Stabond C-148 contains acetone, flash point <0°F. closed
cup and is shipped as cement, liquid N.O.S., flammable
liquid.

I am enclosing a product data sheet and a material safety
data sheet.

Yours very truly,

J.E. Slatky
J.E. Slatky, *J.E.*
Sales Manager

JES/bc

STABOND C-148**DESCRIPTION**

Stabond C-148 is a fast drying, high strength adhesive formulated for brush application. It exhibits excellent resistance to plasticizer migration and is thus recommended for bonding most vinyls as well as other plastics and coated fabrics to themselves and to wood or metal. Stabond C-148 is highly resistant to water, acids, alkalies, oil, gasoline and most solvents. Typical 180° room temperature peel values with such substrates as supported and unsupported films of vinyl, Hypalon and Tedlar range from 10 pli to over 20 pli.

PROPERTIES

TYPE: Nitrile
COLOR: Tan
SOLIDS: 33%
WT/GALLON: 7.2 lbs.
SHELF LIFE: 6 months

THINNER: Stabond "C" Thinner
COVERAGE: 200 sq. ft./gallon
VISCOSITY: 2000 cps
BONDING RANGE: 5-15 minutes
FLAMMABILITY: Yes

APPLICATION

On porous materials, apply a uniform coating to both surfaces after they are thoroughly cleaned and free of oil, dirt or grease. Stabond "C" thinner may be used for cleaning. Allow adhesive to become slightly tacky to the touch, then join substrates and allow to dry thoroughly. Drying time is approximately one hour; however, the bond will reach maximum strength in 48 to 72 hours. For optimum bond on non-porous materials, apply a thin coat of adhesive to each clean surface and allow to dry thoroughly. Gentle heat may be employed to expedite drying. Allow to cool and apply another light coat to each surface. Join when the adhesive becomes tacky with sufficient pressure to insure intimate contact between the substrates. Stabond C-148 may be solvent reactivated using Stabond "C" thinner.

STORAGE

For maximum shelf life, store material in a cool dry area and keep container tightly sealed. Storage temperatures of 60-80° F. are recommended. Lower storage temperature will cause a temporary increase in viscosity. Rotate stock on a "First in-First out" basis.

CAUTION

Flammable. Toxic. Vapors may ignite explosively. Provide fresh air cross ventilation to prevent build-up of vapors. Keep away from heat, sparks, and open flame. Do not smoke. Extinguish all flames and pilot lights and turn off all non-explosion proof electrical equipment and sources of ignition during use and until vapors are dissipated. Avoid prolonged or repeated breathing of the vapors. Close container after use. Contains Methyl Ethyl Ketone. Keep out of reach of children. If swallowed do not induce vomiting. Call physician immediately.

IMPORTANT

Suggestions for the use of this product are based on tests believed to be reliable; however, the user should determine suitability for the intended use by his own evaluation. Because the use of this material is beyond our control, neither the seller nor the manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use or inability to use this product. Seller and manufacturer's sole obligation shall be replacement of material proved to be defective.